

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated in the complete listing of claims listed below. This listing of claims will replace all prior versions, and listings, of claims in the application:

1-18. (Canceled)

19. (Previously presented) A method for recording and reviewing actions performed during development of software content created using a tool on a computer system having a processor and memory, said method comprising:

- receiving one or more user events;
- determining which events and sequences of events constitute actions;
- determining whether an explanation accompanies an action;
- recording the determined actions; and
- recording the determined explanations such that a recorded explanation of a recorded action is associated with the recorded action.

20. (Previously presented) A method as defined in claim 19, said method further comprising:

- receiving a user request for playback of recorded actions;
- accessing recorded actions and associated recorded explanations; and
- playing back recorded actions and any associated recorded explanations.

21. (Previously presented) A method as defined in claim 19, wherein said determining whether an explanation accompanies an action includes prompting a user for an explanation with respect to an action being recorded.

22. (Canceled)

23. (Currently amended) A computer-readable medium having stored thereon instructions for causing a computer to perform the following method comprising:
displaying a starting state of multimedia content;
determining automatically which recorded actions satisfy a specified ~~arbitrary~~ criteria; and
playing back a sequence of only those determined recorded actions in chronological order on an output device.

24. (Currently amended) A computer-readable medium having stored thereon instructions for causing a computer to perform a method comprising:
receiving a user event;
determining whether said received user event indicates a playback request;
and
if said received user event indicates a playback request, then determining automatically which recorded actions to play back by determining which recorded actions meet a specified ~~arbitrary~~ criteria and playing back those determined recorded actions and if said received user event does not indicate a playback request, then determining whether there is an action to record and recording the action if it is determined that there is an action to record.

25. (Currently amended) A computer-readable medium having stored thereon instructions for causing a computer to perform the following method comprising:

receiving a user event;
determining whether said received user event indicates a playback request;
and
if said received user event indicates a playback request, then determining
automatically which recorded actions to play back by determining which
recorded actions meet a specified fixed criteria, said fixed criteria being
selectable from a plurality of fixed criteria, and playing back those
determined recorded actions and if said received user event does not
indicate a playback request, then determining whether there is an
action to record and recording the action if it is determined that there is
an action to record.

26. (Currently amended) A computer-readable medium having stored thereon
executable computer program instructions, the executable computer program
instructions including an action class list and, when executed by a digital processing
system, causing the system to perform a method for playback of actions from the
action class list, wherein:

the action class list comprises a plurality of action class description fields,
each action class description field having a first field containing data
which specifies a particular action class and a second field containing
data which specifies a generic explanation of the action specified in the
corresponding first field,
~~whereby~~ wherein the action class list is used during playback of an action to
determine an explanation associated with the action class of the action
and to accompany the played back action with the determined
explanation.

27. (Previously presented) A computer-readable medium as defined in claim 26 wherein said second field identifies a software routine capable of producing an explanation based upon properties of a recorded action.

28. (Previously presented) A method for playing back actions recorded during development of content created using a tool on a computer system having a processor, memory and an output device, the tool having a user-selectable playback initiating mechanism for initiating the playback, said method comprising:

displaying a starting state of the content; and

playing back recorded actions in chronological order on said output device, an action from said recorded actions comprising a sequence of at least one event, wherein said at least one event is selected to constitute said action based on a preset criterion.

29. (Previously presented) The method of claim 28, wherein:

at least one action from said recorded actions is accompanied by an explanation and said playing back further comprises playing back any associated recorded explanations along with recorded actions.

30. (Currently amended) A computer-readable medium having stored thereon instructions for causing a computer to perform the following method comprising:

displaying a starting state of content; and

playing back recorded actions in chronological order on an output device, an action from said recorded actions comprising a sequence of at least

one event, wherein said at least one event is selected to constitute said action based on a preset criterion.

31. (Previously presented) The computer-readable medium of claim 30, wherein:
at least one action from said recorded actions is accompanied by an
explanation and said playing back further comprises playing back any
associated recorded explanations along with recorded actions.
32. (Previously presented) An apparatus for playing back actions performed
during development of content created using a multimedia creation tool on a
computer system having a processor and memory, said apparatus comprising:
a user interface means for receiving user events, receiving user requests for
playback of actions and displaying recorded actions; and
a playback module coupled to said user interface module for receiving user
request for playback of recorded actions and for displaying playback of
recorded actions, an action from said recorded actions comprising a
sequence of at least one event, wherein said at least one event is
selected to constitute said action based on a preset criterion, said
playback in response to such a user request playing back recorded
actions.
33. (Previously presented) The apparatus of claim 32, wherein:
at least one action from said recorded actions is accompanied by an
explanation and said playing back further comprises playing back any
associated recorded explanations along with recorded actions.

34. (Previously presented) The apparatus of claim 32, wherein:
said playback is based on determining automatically which recorded actions
satisfy a specified arbitrary criteria.
35. (Previously presented) A method for recording and reviewing actions
performed during development of content created using a tool on a computer system
having a processor and memory, said method comprising:
receiving user events;
determining which events and sequences of events constitute actions; and
recording the determined actions rather than recording the individual events
constituting those actions.
36. (Currently amended) A computer-readable medium having stored thereon
instructions for causing a computer to perform the following method comprising:
receiving user events;
determining which events and sequences of events constitute actions; and
recording the determined actions rather than recording the individual events
constituting those actions.
37. (Currently amended) The computer-readable medium of claim 36, wherein the
operations further ~~comprising~~ comprise:
determining whether an explanation accompanies an action; and
recording the determined explanations such that a recorded explanation of a
recorded action is associated with the recorded action.
38. (Previously presented) The computer-readable medium of claim 36, wherein:

said determining comprises determining which events and sequences of events constitute actions by applying one of a plurality of granularities, said one of a plurality of granularities being selected based on criteria, whereby said applied one of a plurality of granularities varies depending on the criteria.

39. (Previously presented) An apparatus for recording and reviewing actions performed during development of content created using a tool on a computer system having a processor and memory, said apparatus comprising:

a user interface means for receiving user events which occur during development of content; and

a recorder module coupled to receive user events from said user interface means, said recorder module determining which events and sequences of events constitute actions and recording those actions, said recorder module capable of recording an explanation for each individual action, said explanations being recorded in a manner which associates a recorded explanation of a recorded action with the recorded action.